The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A compressor, comprising:

a closed container;

a compressor element section housed in a lower portion of the closed container; and

an electric motor element section housed in an upper portion of the closed container and including

a rotor,

a stator disposed on an outer periphery of the rotor,

an end plate provided on an end surface of the rotor, and

an oil separation plate installed on the end plate and forming a through hole,

the end plate including a main section and a projection projecting from the main section and fitted in the through hole, the projection including a projected part projected from the through hole of the oil separation plate and including a cone-shaped recess with a diameter that gradually decreases downward on an upper face of the projection, the projection being partly crushed to remain a portion of the cone-shaped recess and to integrate the oil separation plate with the end plate, a bottom portion of the cone-shaped recess existing in a state of the projection being crushed.

2-3. (Cancelled)

4. (Previously Presented) The compressor according to claim 1, wherein a material of the projection is die casting aluminum alloy.

5. (Currently Amended) A method of plate installation, comprising:

mounting a plate member on a supporting base plate by fitting a projection of the supporting base plate into a through hole of the plate member to project a top end part of the projection from the through hole, the supporting base plate having a projection with a recess on an upper face of the projection and being made of aluminum die casting alloy; and

crushing a projected part of the projection from the through hole except for a portion of the cone-shaped recess on the projection by applying a downward pressing force to the projected part so as to integrate the plate member with the supporting base plate such that a bottom portion of the cone-shaped recess exists in a state of the projection being crushed.

6. (Currently Amended) A compressor, comprising:

a closed container;

a compressor element section housed in a lower portion of the closed container; and

an electric motor element section housed in an upper portion of the closed container and including

a rotor,

a stator disposed on an outer periphery of the rotor,

an end plate provided on an end surface of the rotor, and

an oil separation plate installed on the end plate and forming a through hole,

the end plate including a main section and a projection projecting from the main section and fitted in the through hole,

the projection including a projected part projected from the through hole of the oil separation plate and a cone-shaped recess with a diameter that gradually decreases downward ~~of a flat circular hole~~ on an upper face of the projection,

the cone-shaped recess having ~~of the flat circular hole has~~ an outer diameter of about 50% of an outer diameter of the projection and a depth of 10 to 15% of the diameter of the projection, and

the projection being [[is]] crushed to integrate the oil separation plate with the end plate, a bottom portion of the cone-shaped recess existing in a state of the projection being crushed.